

Converting Colors

XYZ(32.6478, 32.3119, 25.7001)

Have a look what the booklet for
XYZ(32.6478, 32.3119, 25.7001)
contains.

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Color

**XYZ(32.6812, 32.3367,
25.6382)**

Conversions

Conversions Part 1

Format	Color
Hex	B09582
RGB	176, 149, 130
RGB Percent	69%, 58%, 51%
CMY	0.3098, 0.4157, 0.4902
CMYK	0.00, 0.15, 0.26, 0.31
HSL	25°, 23%, 60%
HSV	25°, 26%, 69%
XYZ	32.6812, 32.3367, 25.6382
YIQ	154.9070, 22.1910, -0.1850

Conversions

Conversions Part 2

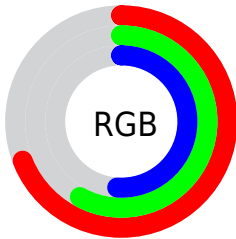
Format	Color
RYB	176, 162, 130
Decimal	11572610
CIELab	63.62, 7.10, 13.77
CIELCh	64, 15.495, 62.745
Yxy	32.3367, 0.3605, 0.3567
Android (android.graphics.Color)	4289762690 (0xFFB09582)
YUV	154.9070, -12.2792, 18.4986
Hunter-Lab	56.8654, 3.0717, 13.0744

Details

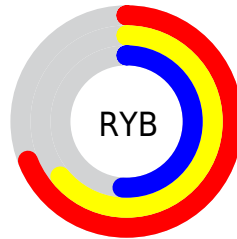
The XYZ color **32.6812, 32.3367, 25.6382** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **29.0991, 31.9934, 45.7161**, and the grayscale version is **31.1610, 32.7838, 35.7015**.

A 20% lighter version of the original color is **63.1819, 63.2866, 53.6852**, and **14.0213, 13.5404, 9.6591** is the 20% darker color. If you saturate the color by 10%, you get **30.0373, 28.7803, 19.4186**, and if you desaturate by 10%, it is **35.6739, 36.2668, 32.9717**.

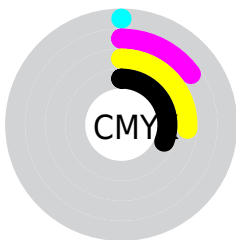
Distribution



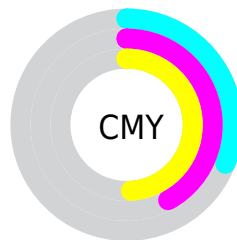
- Red (69%)
- Green (58%)
- Blue (51%)



- Red (69%)
- Yellow (64%)
- Blue (51%)



- Cyan (0%)
- Magenta (15%)
- Yellow (26%)
- Black (31%)





- Cyan (31%)
- Magenta (42%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.6812, 32.3367, 25.6382 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 32.6812, 32.3367, 25.6382 by changing the saturation by 10% instead.


 32.6812, 32.3367,
25.6382


 32.6812, 32.3367,
25.6382


305.9012,
312.6502, 294.5502

 22.0404, 21.6188,
16.3298


 63.2355, 63.3386,
53.6676

 14.0034, 13.5771,
9.6010

 83.8797, 84.3913,
73.2257

 8.2047, 7.8271,
5.0331


 108.5891,
109.6578, 97.0375

 4.2791, 3.9845,
2.2076

137.7290,
139.5224, 125.5215

 1.8612, 1.6649,
0.6788

171.6648,
174.3696, 159.0962

 0.5541, 0.4008,
0.0000

210.7619,

 0.0000, 0.0000,

214.5837, 198.1802

0.0000

255.3856,
260.5491, 243.1920

■ 32.6812, 32.3367,
25.6382

■ 32.6812, 32.3367,
25.6382

■ 30.0373, 28.7803,
19.4186

■ 35.6739, 36.2668,
32.9717

■ 27.7255, 25.5816,
14.2556

■ 39.0260, 40.5772,
41.4687

■ 25.7317, 22.7297,
10.0895

■ 42.7507, 45.2799,
51.1781

■ 24.0394, 20.2117,
6.8541

■ 46.8598, 50.3850,
62.1453

■ 22.6305, 18.0132,
4.4747

■ 51.3647, 55.9023,
74.4136

■ 21.4843, 16.1190,
2.8651

■ 56.2760, 61.8411,
88.0240

■ 20.5748, 14.5111,
1.9118

■ 61.6041, 68.2104,
103.0158

■ 20.2681, 13.9572,
1.6258

■ 64.7091, 73.9591,
105.4728

■ 67.6966, 79.9341,
106.4686

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



34.3712, 32.3367, 29.1459



32.6812, 32.3367, 25.6382



30.5361, 32.3367, 24.5925

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



32.6812, 32.3367, 25.6382



26.7615, 32.3367, 35.7833



33.0423, 32.3367, 46.2192

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



32.6812, 32.3367, 25.6382



29.0991, 31.9934, 45.7161

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



30.9349, 32.3367, 48.5112



32.6812, 32.3367, 25.6382



27.3649, 32.3367, 42.0599

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



32.6812, 32.3367, 25.6382



27.1808, 32.3367, 30.0266



28.8678, 32.3367, 46.9072



34.5864, 32.3367, 40.9562

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



32.6812, 32.3367, 25.6382



29.1534, 32.3367, 25.3186



28.8678, 32.3367, 46.9072



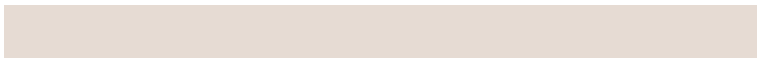
32.3729, 32.3367, 47.3889

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



32.6821, 32.3382, 25.6389



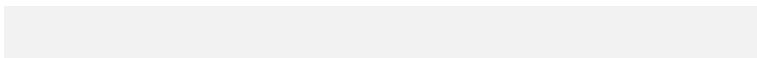
69.5081, 71.9702, 71.9482



32.0246, 27.6506, 35.8170



14.8636, 15.3411, 15.0822



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



32.6821, 32.3382, 25.6389



56.6042, 55.0795, 40.1562



36.5726, 40.1192, 26.9357



8.7751, 9.0628, 8.9393



14.9259, 10.3504, 1.2111



0.5277, 0.4419, 0.0575

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



29.0991, 31.9934, 45.7161



49.0627, 54.3490, 82.3998



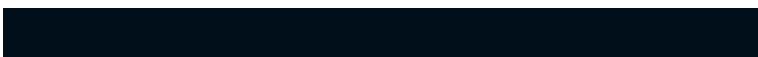
25.6510, 25.0974, 44.5668



8.4425, 9.0311, 10.8045



9.3884, 9.5772, 31.4908



0.3512, 0.4130, 1.0094

Previews

White Background



This preview shows how the XYZ color 32.6812, 32.3367, 25.6382 looks on a white background.

Color Contrast Check

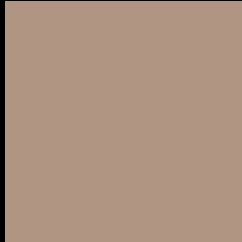
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 32.6812, 32.3367, 25.6382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.6812, 32.3367, 25.6382

Background



This preview shows how black text looks on a background with the XYZ color 32.6812, 32.3367, 25.6382.



This preview shows how white text looks on a background with the XYZ color 32.6812, 32.3367,

25.6382.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

32.6812, 32.3367, 25.6382

Protanopia

30.6208, 32.4585, 26.4810

Deuteranopia

32.9793, 32.2565, 25.6070



Tritanopia

34.7166, 32.2348, 35.8447

Trichromacy



Original Color

32.6812, 32.3367, 25.6382

Protanomaly

31.2613, 32.3107, 26.0617

Deuteranomaly

32.7506, 32.1386, 25.5963

Tritanomaly

33.9054, 32.1293, 32.0183

Monochromacy



Original Color

32.6812, 32.3367, 25.6382

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.6838, 32.6443, 31.8252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6812, 32.3367, 25.6382 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(176, 149, 130)` looks like.

```
.text, #text, p{  
    color:rgb(176, 149, 130)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(176, 149, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 149, 130) }
```

Border

The CSS property to change the border of an element to XYZ 32.6812, 32.3367, 25.6382 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 149, 130) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(176, 149, 130) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(176, 149, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 149, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 149, 130);  
box-shadow:4px 4px 4px 4px rgb(176, 149,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6812, 32.3367, 25.6382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 149, 130) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(176,  
149, 130) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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